



(Modified) PTO/SB/08A-B (10-96)
Approved for use through 10/31/99. OMB 0651-0031

Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	10/076,136
	Filing Date	February 14, 2002
	First Named Inventor	Chien
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	100/13010

BB	6,012,902	Parce	01-11-2000
BC	6,046,056	Parce et al.	04-04-2000
BD	6,074,725	Kennedy	06-13-2000
BE	6,100,541	Nagle et al.	08-08-2000
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BH	6,319,472	Ackley et al.	11-20-2001
BI			

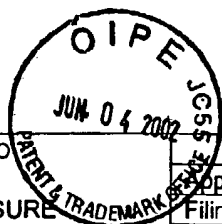
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number				
BJ	WO	9604547		Lockheed Martin	02-15-1996		
BK	WO	9702357		Affymetrix, Inc.	01-23-1997		
BL							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
BM		COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," <u>Anal. Chem.</u> (1999) 273:89-97	
BN		DARIDON, A. et al., "Chemical sensing using an integrated microfluidic system based on the Berthelot reaction," <u>Sensors and Actuators</u> (2001) B76:235-243	
BO		DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	
BP		DENNINGER, M. et al., "Absorbance Detection in Microsystems: Microcuvette & Waveguide Approach," <u>Euroensors XIV</u> (8/2000) Denmark 825-827	
BQ		JACOBSON, S.C. et al., "Fused Quartz Substrates for Microchip Electrophoresis," <u>Anal. Chem.</u> (1995) 67:2059-2063	
BR		LIANG, Z. et al., "Microfabrication of a planar absorbance and fluorescence cell for integrated capillary electrophoresis devices," <u>Anal. Chem.</u> (1996) 68:1040-1046	
BS		MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> (1994) 4:257-265	

Examiner Signature	Alexander	Date Considered	4/30/05
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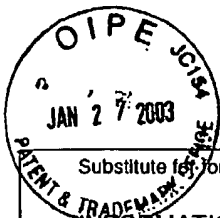


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		Number	Kind Code (if known)			
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	AB	4,908,112		Pace	03-13-1990	
	AC	5,126,022		Soane et al.	06-30-1992	
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	AN	5,869,004		Parce et al.	02-09-1999	
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	AS	5,942,443		Parce et al.	08-24-1999	
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Examiner Signature	Alexandre			Date Considered	4/30/04	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/076,136
(use as many sheets as necessary)		Filing Date	February 14, 2002
		First Named Inventor	Chien
		Art Unit	1743
		Examiner Name	Al xander
		Attorney Docket Number	100/13010
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		Number - Kind Code (if known)			
<i>AX</i>	AA	US-5,928,880	07-27-1999	Wilding et al.	
	AB				
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		Country Code - Number - Kind Code (if known)				
<i>AX</i>	AM	WO-9944217	09-02-1999	Caliper		
	AN	WO-0120309	03-22-2001	Aclara		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	AO				
	AP				
	AQ				
	AR				
	AS				

Examiner Signature	<i>Al xander</i>	Date Considered	4/30/03
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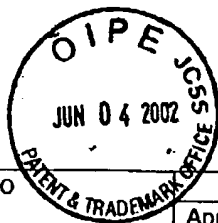
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	AD	US-5,932,100	08-03-1999	Yager et al.	
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	AF	US-6,042,709	03-28-2000	Parce et al.	
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	AI	US-6,235,471	05-22-2001	Knapp et al.	
	AJ	US-6,280,589	08-29-2001	Manz et al.	
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	AL				

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AX	AO	EFFENHAUSER, C.S. et al., "Glass Chips for High-Speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," Anal. Chem. (1993) 65: 2637-2642			
J	AP	EFFENHAUSER, C.S. et al., "High Speed Separation of Antisense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," Anal. Chem. (1994) 66: 2949-2953			
J	AQ	EFFENHAUSER, C.S. et al., "Integrated Capillary Electrophoresis on Flexible Silicone Microdevices: Analysis of DNA Restriction Fragments and Detection of Single DNA Molecules on Microchips," Anal. Chem. (1997) 69: 3451-3457			

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BT	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," <u>Nature Med.</u> (1995) 1:1093-1096	
BU	SUNDBERG, S., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <u>Current Opinions in Biotechnology</u> (2000) 11/47-53	
BV	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488	
BW	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> (1994) 66:3485-3491	
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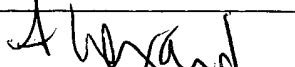


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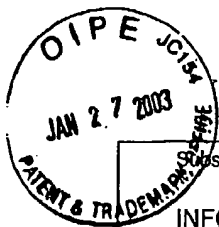
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BN	UEDA, M. et al., "Imaging of a Band for DNA Fragment Migrating in Microchannel on Integrated Microchip," Materials Science and Engineering C (2000) 12:33-36
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AS	FISTER, J.C. III et al., "Counting Single Chromophore Molecules for Ultrasensitive Analysis and Separations on Microchip Devices," Anal. Chem. (1998) 70: 431-437
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AU	HARRISON, J. et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," Anal. Chem. (1992) 64: 1926-1932
AV	HARRISON, J. et al., "Towards Miniaturized Electrophoresis and Chemical Analysis Systems on Silicon: An Alternative to Chemical Sensors," Sensors and Actuators B (1993) 10: 107-116
AW	HARRISON, J. et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," Science (1993) 261: 895-897
AX	HARRISON, D.J. et al., "Integrated Electrophoresis Systems for Biochemical Analyses," Solid-State Sensor and Actuator Workshop (1994) 21-24
AY	JACOBSON, S.C. et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," Anal. Chem. (1994) 66:1107-1113
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